

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1401	hydrocarbon and (convert\$4 or conversion) and distillat\$4	EPO; JPO; DERWENT	OR	ON	2008/01/30 12:17
S2	1231	hydrocrack\$4 and catalyst and zeolite	EPO; JPO; DERWENT	OR	ON	2008/01/30 12:18
S3	604628	tungsten or molybdenum or nickel or iron or cobalt or ruthenium or rhodium or palladium or osmium or iridium or platinum	EPO; JPO; DERWENT	OR	ON	2008/01/30 12:21
S4	542998	alumina or silica or titania or zirconia or magnesia or boria or (phosphorous adj oxide)	EPO; JPO; DERWENT	OR	ON	2008/01/30 12:23
S5	30	S1 and S2 and S4	EPO; JPO; DERWENT	OR	ON	2008/01/30 12:23
S6	17	S5 and ratio	EPO; JPO; DERWENT	OR	ON	2008/01/30 14:33
S7	1	EP-94827-\$.D.D.	EPO	OR	ON	2008/01/31 08:33
S8	0	S7 and distillate	EPO	OR	ON	2008/01/31 08:58
S9	1424	((208/274) or (208/111) or (208/89) or (208/59)).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/31 15:41
S10	1401	hydrocarbon and (convert\$4 or conversion) and distillat\$4	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:42
S11	1231	hydrocrack\$4 and catalyst and zeolite	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:42
S12	604628	tungsten or molybdenum or nickel or iron or cobalt or ruthenium or rhodium or palladium or osmium or iridium or platinum	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:42
S13	542998	alumina or silica or titania or zirconia or magnesia or boria or (phosphorous adj oxide)	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:42
S14	0	S9 and S10 and S11 and S12 and S13	US-PGPUB; USPAT	OR	ON	2008/01/31 15:42

S15	0	S9 and S10 and S11 and S13	US-PGPUB; USPAT	OR	ON	2008/01/31 15:43
S16	0	S9 and S10 and S11	US-PGPUB; USPAT	OR	ON	2008/01/31 15:43
S17	0	S9 and S10	US-PGPUB; USPAT	OR	ON	2008/01/31 15:43
S18	1401	hydrocarbon and (convert\$4 or conversion) and distillat\$4	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:45
S19	1231	hydrocrack\$4 and catalyst and zeolite	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:45
S20	604628	tungsten or molybdenum or nickel or iron or cobalt or ruthenium or rhodium or palladium or osmium or iridium or platinum	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:45
S21	542998	alumina or silica or titania or zirconia or magnesia or boria or (phosphorous adj oxide)	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:45
S22	7	S18 and S19 and S20 and S21	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:45
S23	1424	((208/274) or (208/111) or (208/89) or (208/59)).OCL.S.	US-PGPUB; USPAT	OR	OFF	2008/01/31 15:45
S24	0	S22 and S23	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:45
S25	0	S18 and S23	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:46
S26	280665	hydrocarbon	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:47
S27	0	S19 and S23	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:48
S28	0	S18 and S23	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 15:48
S29	701	S23 and hydrocarbon and (convert\$4 or conversion) and distillat \$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 15:49
S30	0	S29 and hydrocrack\$4 and catalyst and zeolite	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:50
S31	0	S23 and hydrocrack\$4 and catalyst and zeolite	EPO; JPO; DERWENT	OR	ON	2008/01/31 15:50

S32	1064184	S29 and tungsten or molybdenum or nickel or iron or cobalt or ruthenium or rhodium or palladium or osmium or iridium or platinum	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 15:50
S33	56702	"208"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 15:52
S34	0	S33 and S18 and S19 and S20 and S21	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 15:52
S35	0	S33 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 15:52
S36	56702	S33 or S18	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 15:53
S37	0	S33 and S18	US-PGPUB; USPAT; USOCR	AND	ON	2008/01/31 15:53
S38	14447	S33 and hydrocarbon and (convert\$4 or conversion) and distillat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 15:53
S39	0	S38 and hydrocrack\$4 and catalyst and zeolite	EPC; JPC; DERWENT	OR	ON	2008/01/31 15:53
S40	8870	S38 and (tungsten or molybdenum or nickel or iron or cobalt or ruthenium or rhodium or palladium or osmium or iridium or platinum)	US-PGPUB; USPAT; USOCR	AND	ON	2008/01/31 15:54
S41	7542	S40 and (alumina or silica or titania or zirconia or magnesia or boria or phosphorous adj oxide)	US-PGPUB; USPAT; USOCR	AND	ON	2008/01/31 15:55
S42	3328	S41 and catalyst and zeolite	US-PGPUB; USPAT; USOCR	AND	ON	2008/01/31 15:56
S43	10	S42 and (hydro adj crack\$4) and (beta adj zeolite)	US-PGPUB; USPAT; USOCR	AND	ON	2008/01/31 15:57
S44	3784	((208/28) or (208/58) or (208/59) or (208/89) or (208/111) or (208/138) or (208/139) or (208/143)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/31 16:00
S45	1401	hydrocarbon and (convert\$4 or conversion) and distillat\$4	EPC; JPC; DERWENT	OR	ON	2008/01/31 16:01
S46	1231	hydrocrack\$4 and catalyst and zeolite	EPC; JPC; DERWENT	OR	ON	2008/01/31 16:01
S47	604628	tungsten or molybdenum or nickel or iron or cobalt or ruthenium or rhodium or palladium or osmium or iridium or platinum	EPC; JPC; DERWENT	OR	ON	2008/01/31 16:01

S48	542998	alumina or silica or titania or zirconia or magnesia or boria or (phosphorous adj oxide)	EPO; JPO; DERWENT	OR	ON	2008/01/31 16:01
S49	0	S45 and S46 and S47 and S48	US-PGPUB; USPAT	OR	ON	2008/01/31 16:01
S50	0	S44 and hydrocarbon and (convert\$4 or conversion) and distillat \$4	EPO; JPO; DERWENT	OR	ON	2008/01/31 16:02
S51	1615	S44 and hydrocarbon and (convert\$4 or conversion) and distillat \$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 16:02
S52	787	S51 and hydrocrack\$4 and catalyst and zeolite	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 16:03
S53	1064184	S52 and tungsten or molybdenum or nickel or iron or cobalt or ruthenium or rhodium or palladium or osmium or iridium or platinum	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 16:03
S54	767	S52 and (tungsten or molybdenum or nickel or iron or cobalt or ruthenium or rhodium or palladium or osmium or iridium or platinum)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 16:04
S55	766	S54 and (alumina or silica or titania or zirconia or magnesia or boria or phosphorous adj oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 16:04
S56	217	S55 and (beta adj zeolite or zeolite adj beta)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 16:05
S57	19	S56 and (ion adj exchange adj capacity)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 16:06
S58	0	S56 and (acidity adj index)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/31 16:06
S59	22	US-1518789-\$.DID. OR DE-200371526-\$.DID. OR US-5800698-\$.DID. OR US-4612108-\$.DID. OR US-4812223-\$.DID. OR US-4486296-\$.DID. OR US-4601993-\$.DID. OR US-5011593-\$.DID. OR WO-0117901-\$.DID. OR EP-1106592-\$.DID. OR WO-9613563-\$.DID. OR US-6809055-\$.DID. OR US-6844479-\$.DID. OR WO-0232812-\$.DID. OR WO-023281242002-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/31 16:09
S60	6	S59 and hydrocarbon and (convert\$4 or conversion) and distillat \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/31 16:10

S61	4	S60 and hydrocrack\$4 and catalyst and zeolite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/31 16:10
S62	3	S61 and (tungsten or molybdenum or nickel or iron or cobalt or ruthenium or rhodium or palladium or osmium or iridium or platinum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/31 16:11
S63	650	"HANSEN, JENS".in.;"BLOM, NIELS".in.;"BYBERG, BIRGITTE".in.;"WARD, JOHN".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/31 16:14
S64	109	S63 and hydrocarbon and (convert\$4 or conversion) and distillat \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/31 16:27
S65	56	S64 and hydrocrack\$4 and catalyst and zeolite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/31 16:28
S66	1	"6261441".pn.	USPAT	OR	OFF	2009/06/08 06:09
S68	3048	(208/111.3,111.35,112,120.3,120.35,123,124).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/09 11:27
S69	1384	S68 and @ad<"20020628"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 11:30
S70	257	S69 and middle near distillate	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 11:30
S71	225	S70 and hydrocrack\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 11:31
S72	65	S71 and beta near zeolite	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 11:31
S73	46	S72 and ion near exchange	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 11:31
S74	0	S73 and addity near index	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 11:32

S75	27	S73 and (step or stage) near hydrocrack\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 11:34
S76	3048	(208/111.3,111.35,112,120.3,120.35,123,124).CLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/09 13:43
S77	1384	S76 and @ad<"20020628"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 13:43
S78	257	S77 and middle near distillate	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 13:43
S79	0	S78 and acidity near index	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/09 13:43
S80	1	"6261441".pn.	USPAT	OR	OFF	2009/10/29 11:15
S81	1	S80 and beta	USPAT	OR	OFF	2009/10/29 11:15
S82	1	"4894142".pn.	USPAT	OR	OFF	2009/10/29 11:35
S83	1	S82 and beta	USPAT	OR	OFF	2009/10/29 11:36
S84	31	(zsm adj "12" or beta adj zeolite) and (acidity adj index or TPD or ECA) and @ad<"20020628"	USPAT	OR	ON	2009/10/29 11:40
S85	37	(zsm adj "12" or beta adj zeolite) and (acidity adj index or TPD or ECA) and @ad<"20020628"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 11:40
S86	18	S85 and "208".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 11:41
S87	227	(zsm adj "12" or beta adj zeolite) and (acidity adj index or TPD or ECA or ion adj exchange adj capacity or ion-exchange-capacity) and @ad<"20020628"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 11:44
S88	80	S87 and "208".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 11:45
S89	1	"4820402".pn.	USPAT	OR	OFF	2009/12/18 18:01

S90	343	hydrocracking and (crystalline or crystallinity) near (percent or weight)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/19 12:01
S91	225	S90 and @ack<"20020628"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/19 12:05
S92	3	S91 and beta adj zeolite with hydrocracking	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/19 12:06
S93	71	S91 and zeolite with hydrocracking	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/19 12:11

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